M	es	sa	g	ϵ

From: Tita LaGrimas [Tita.LaGrimas@tradebe.com]

Sent: 9/23/2017 12:11:35 AM

To: Valentino, Michael [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=29ccd101653e4a5fae2273a9ae9f7bd0-MValenti]; Robert Vaughn

[Robert.Vaughn@tradebe.com]; Brian Bodnar [Brian.Bodnar@tradebe.com]; Sergio Nusimovich

[Sergio.Nusimovich@tradebe.com]

Subject: Re: Char from SDS

Sensitivity: Company Confidential

On behalf the Sergio, Bob, and Brian thank you so much. Have a wonderful weekend! Respectfully, Tita

Tita LaGrimas

Executive VP of Regulatory Affairs

Tradebe Environmental Services, LLC

1433 E 83rd Ave, Suite 200 Merrillville, IN 46410 United States Office: +1 (219) 354-2352

www.tradebeusa.com

Tradebe USA

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Tradebe Environmental Services, LLC, an international leader in waste reclamation and recycling solutions, completed the purchase of Badger Disposal of WI, Inc ...

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From: Valentino, Michael < Valentino. Michael@epa.gov>

Sent: Friday, September 22, 2017 4:59 PM

To: Tita LaGrimas; Robert Vaughn; Brian Bodnar; Sergio Nusimovich

Subject: RE: Char from SDS

Tita and Gentlemen:

Thank you very much. This was very informative – and I learned something new.

Have a nice weekend.

Michael

From: Tita LaGrimas [mailto:Tita.LaGrimas@tradebe.com]

Sent: Friday, September 22, 2017 12:58 PM

To: Valentino, Michael < Valentino. Michael@epa.gov>; Robert Vaughn < Robert. Vaughn@tradebe.com>; Brian Bodnar

<Brian.Bodnar@tradebe.com>; Sergio Nusimovich <Sergio.Nusimovich@tradebe.com>

Subject: RE: Char from SDS **Sensitivity:** Confidential

Dear Mr. Valentino,

Thank you for your patience and understanding of our delayed response, as discussed it was a result of regulatory visitors and travel.

Please find below Tradebe's response to Char Generation. Should you have any questions please feel free to contact us.

Char Generation:

PBI / Ex. 4

Respectfully,

Tita

Tita LaGrimas

Executive VP of Regulatory Affairs Tradebe Environmental Services, LLC

1433 E 83rd Ave, Suite 200 Merrillville, IN 46410 United States Office: +1 (219) 354-2352 www.tradebeusa.com



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From: Valentino, Michael [mailto:Valentino.Michael@epa.gov]

Sent: Monday, September 18, 2017 10:56 AM

To: Tita LaGrimas <Tita.LaGrimas@tradebe.com>; Robert Vaughn <Robert.Vaughn@tradebe.com>; Brian Bodnar

<Brian.Bodnar@tradebe.com>; Sergio Nusimovich <Sergio.Nusimovich@tradebe.com>

Subject: Char from SDS **Importance:** High

Sensitivity: Confidential

We may have already discussed this at one point, but if so, my memory fails me. I've been mulling over the formation of char from thermal desorbers (both your system and Rineco's). I understand the char (output stream that is landfilled) is a result of the heating of fiber drums and spent rags and other such carbonaceous materials fed into the system.

I do not have as much information on Rineco's former TDUs (thermal metal wash units), and so I do not know if they were operated under an inert atmosphere. Those units also produced char and combusted NCGs at the back end of the process.

PBI / Ex. 4

In Rineco, as you probably know, the Court raised concern over the amount of char produced in the TMW as being an indicator of thermal destruction of organics taking place. From what I was able to gather, Rineco's TMWs were operated at 1000+ F.

Your prompt response would be greatly appreciated,

Michael